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Conn L. Townzen

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EXAMINER

ROBINSON BOYCE, AKIBA K

ART UNIT

PAPER NUMBER

3639

DATE MAILED: 08/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/897,774

Applicant(s)

TOWNZEN ET AL.

Examiner

Akiba K. Robinson-Boyce

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-100 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-100 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/1/02</u> . | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

Status of Claims

1. Due to communications filed 6/29/01, the following is a first office action. Claims 1-100 are pending in this application and have been examined on the merits.

Oath/Declaration

2. The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:
Non-dated signatures have been made to the oath or declaration.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 3-8, 12, 13, 15, 16, 18, 20, 21, 24, 26-31, 33-35, 37-40, 42-50, 52, 54-56, 59-67, 69-76, 78, 79, 82-86, 88-91 and 94-97 are rejected under 35 U.S.C. 102(e) as being anticipated by Sehr (US 6,910,628).

As per claim 1, Sehr discloses:

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a gate controller system located at a parking garage and being adapted to control the movement of said gate, (col. 42, lines 51-66, control module of the parking lot);

and a remote terminal at a remote location, said remote terminal being communicably coupled to said gate controller via an open network, (Col. 4, lines 14-20, remote system entities includes passenger card, w/ col. 4, lines 31-47, shows card station [where passenger uses passenger card] can be a terminal accessed/served via on-line communications).

As per claim 3, Sehr discloses:

wherein said open network connection to said open network is a secure connection using cryptography, (Col. 1, lines 45-50, cryptographic schemes).

As per claims 4, 43, 44, Sehr discloses:

wherein said open network is the Internet/ wherein said gate controller system is communicably coupled to said application service provider computer system via the Internet/dedicated line (Col. 1, lines 41-44, Internet, where Internet service has dedicated lines).

As per claims 5, 37, 54, 72, 76, 89-91, 94, 96, Sehr discloses:

further comprising a touch screen monitor, said monitor being communicably coupled to said gate controller system, wherein said monitor provides a graphical user interface between a user and said gate controller system/further comprising a touch screen monitor at said gate, said touch screen monitor being communicably coupled to said first computer system, wherein said first computer system comprises software adapted to provide a second graphical

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user interface on said monitor such that a patron of said parking garage can interact with said first computer system using said monitor/ wherein said inputting credit card information step involves the use of a touch screen monitor with a graphical user interface/ wherein said inputting ATM card information step involves the use of a touch screen monitor with a graphical user interface, providing a first graphical user interface at said gate for said patron, said first graphical user interface being communicably coupled to said first computer system; said communicating with said patron step comprising the step of prompting said patron to input information at said gate via said first graphical user interface; transmitting said inputted information to said second computer system with said first computer system and via the Internet; and said authorizing passage step being performed by said second computer system based on said inputted information from said patron/comparing said inputted information to database information stored at said second computer system to determine if said patron should be authorized to pass through said gate/wherein said graphical user interface is a touch screen monitor/providing a second graphical user interface at said remote location for said user, said second graphical user interface being communicably coupled to said second computer system; and controlling said gate at said parking garage using said second graphical user interface, (col. 6, lines 40-41, touch screen, w/ col. 28, line 43-col. 29, line 1, graphical user interface, w/ Col. 28, line 43-Col. 29, line 1, graphical user interface).

As per claim 6, 71, 75, Sehr discloses:

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further comprising a keypad communicably coupled to said gate controller system, wherein said inputting credit card/ATM card information step involves the use of a keypad, (Col. 6, line 40, keyboard).

As per claims 7, 24, 38, 39, 40, 52, 63, 97, Sehr discloses:

further comprising a video camera communicably coupled to said gate controller system/ wherein said remote terminal comprises a video monitor communicably coupled to a video camera via said open network, wherein said video camera is within viewing distance from said gate/ further comprising a camera communicably coupled to said gate controller system/wherein said interaction with said gate controller system includes the ability to view images from said camera from said remote location via said web site/ wherein said interaction with said gate controller system includes the ability to control the position of said camera from said remote location using said web site/ wherein said code and data further comprises image data from a camera proximate to said gate such that said graphical user interface allows said user to view said gate using said image data/ providing a video camera proximate to said gate, wherein said video camera is communicably coupled to said gate controller system; transmitting images from said video camera to said remote terminal by said gate controller system and via said open network; and viewing a patron at said gate from said remote terminal using said transmitted images, (col. 6, lines 48-51, video).

As per claim 8, Sehr discloses:

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wherein said video camera is a digital video camera adapted to generate digital representations of images shot with said camera, (col. 27, lines 1-3, digital pictures stored in card).

As per claims 12, 69, 70, Sehr discloses:
further comprising a credit card reader communicably coupled to said gate controller system/ wherein said receiving input step involves said patron inputting credit card information at said gate/ wherein said inputting credit card information step involves the use of a credit card reader, (col. 10, lines 4-8 and line 31, reading credit card).

As per claims 13, 73, 74, Sehr discloses:
further comprising an ATM card reader communicably coupled to said gate controller system/ wherein said receiving input step involves said patron inputting ATM card information at said gate, wherein said inputting ATM card information step involves the use of a ATM card reader, (col. 10, lines 4-8, reading and lines 30-31, shows ATM card).

As per claim 15, 79, Sehr discloses:
further comprising an access card scanner communicably coupled to said gate controller system/ wherein said receiving input step involves said patron scanning an access card at said gate, (col. 33, line 51-col. 34, line 1, where passenger card is an access card for different services).

As per claim 16, 78, Sehr discloses:

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further comprising a pre-paid card reader communicably coupled to said gate controller system/wherein said receiving input step involves said patron scanning a pre-paid card at said gate, (col. 27, lines 3-10, payment points).

As per claim 18, 64, 82, Sehr discloses:

further comprising an eye scanner communicably coupled to said gate controller system/ visually authenticating the identity of said patron at said remote terminal using said transmitted images; if said patron is authorized to pass through said gate and if said visually authentication sufficiently confirms said patron's identity, then performing said sending command step from said remote terminal so that said moving gate step will occur; and allowing said patron to pass through said gate/ wherein said receiving input step involves scanning at least one eye of said patron at said gate, (col. 43, lines 10-14, eye color w/ col. 43, lines 30-35, picture of passenger scanned in).

As per claim 20, 83, Sehr discloses:

further comprising a bar code scanner communicably coupled to said gate controller system/ wherein said receiving input step involves scanning a bar code at said gate. (col. 11, lines 37-41, bar code means).

As per claim 21, Sehr discloses:

further comprising a chip reader communicably coupled to said gate controller system, (Col. 6, lines 20-23, card has chip integrated circuit).

As per claim 26, Sehr discloses:

wherein said remote terminal comprises a database having information relevant to said gate, (Col. 34, line 10m parking database).

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As per claim 27, Sehr discloses:

wherein said gate controller system comprises an application service provider system, (Abstract, lines 1-6, service providers/application scenarios).

As per claims 29, 30, 55, Sehr discloses:

a gate controller system located at a parking garage and being adapted to control the movement of a parking garage gate at said parking garage/ wherein said interaction with said gate controller system includes the ability to send motion control commands to said gate controller system using said web site, (col. 42, lines 51-66, control module of the parking lot);

an application service provider computer system located remotely from said gate controller system, said gate controller system being communicably coupled to said application service provider computer system [via the Internet], said application service provider computer system comprising code and data [a software program] adapted to generate a web site that allows users at a remote location to interact with said gate controller system via the Internet [from said remote location], (Abstract, lines 1-6, service providers/application scenarios, w/ Fig 1, and Col. 1, lines 41-44, Internet).

As per claim 31, Sehr discloses:

wherein said interaction with said gate controller system includes the ability to monitor data from said gate controller system relating to said parking garage gate, (Abstract, lines 1-6, service providers/application scenarios, w/ Fig 1, and Col. 1, lines 41-44, Internet).

As per claim 33, Sehr discloses:

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wherein said interaction with said gate controller system includes the ability to download a report detailing recorded data regarding said parking garage gate, (col. 10, line 66-Col. 11, line 5, 2-way communication means to report issues).

As per claim 34, Sehr discloses:

wherein said interaction with said gate controller system includes the ability to transfer data from said gate controller system to said users at said remote location, (Col. 42, lines 46-56, display car location to passenger).

As per claim 35, Sehr discloses:

wherein said interaction with said gate controller system includes the ability to change gate control features from said remote location using said web site, (Col. 42, lines 56-66, gate opening depends on fee [which varies], therefore gate control changes with fee changes).

As per claim 42, 62, Sehr discloses:

wherein said gate controller system is communicably coupled to said application service provider computer system via a secure open network connection/ establishing a secure open network connection between said gate controller system and said remote terminal via said open network using cryptography, (Col. 1, lines 45-50, cryptographic schemes, Col. 1, lines 41-44, Internet).

As per claims 45, 46, 47, Sehr discloses:

wherein said gate controller system is communicably coupled to said application service provider computer system via a wireless communication system/radio frequency channel/satellite communications, (Col. 1, lines 41-44,

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wireless network, where radio frequency channel and satellite communications are both wireless communications)

As per claims 48, 49, Sehr discloses:

a first computer system located at said parking garage, said first computer system being adapted to control the movement of said parking garage gate and being communicably coupled to the Internet, (col. 42, lines 51-66, control module of the parking lot);

and a second computer system located remotely from said first computer system, said second computer system being capable of communicably coupling to the Internet as needed, (Col. 4, lines 14-20, remote system entities includes passenger card, w/ col. 4, lines 31-47, shows card station [where passenger uses passenger card] can be a terminal accessed/served via on-line communications);

and

a server computer system comprising a software program adapted to provide code and data to said second computer system via the Internet, said code and data being adapted to output a graphical user interface with text on said second computer system, wherein said graphical user interface with text comprises an interface to allow a user at said second computer system to control said parking garage gate remotely via the Internet/ wherein said first computer system is said server computer system, (Col. 1, lines 41-44, Internet, w/ col. 28, line 43-col. 29, line 1, application codes, graphical user interface, where the server is needed to combine the application data into application modules, w/ col.

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6, line 66-col. 7, line 4, shows platform is client/server oriented, where server is a card-based server on the card).

As per claim 50, Sehr discloses:

wherein said server computer system is located remotely from said first computer system, (Fig 1, where server can be at a card station).

As per claim 56, Sehr discloses:

a gate at least partially blocking an automobile passageway for said parking garage; a gate controller system located at said parking garage and being adapted to control the movement of said gate, (col. 42, lines 51-66, control module of the parking lot);

a remote terminal located at a remote location apart from said parking garage, said remote terminal being communicably coupled to said gate controller system via the Internet, (Col. 4, lines 14-20, remote system entities includes passenger card, w/ col. 4, lines 31-47, shows card station [where passenger uses passenger card] can be a terminal accessed/served via on-line communications); and

a software program adapted to run on said remote terminal and adapted to allow a user at said remote location to be in command of said gate controller system, (Col. 42, lines 46-67, user uses card [via wireless method] to pay and gate automatically opens by way of control module).

As per claim 59, Sehr discloses:

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providing a gate controller system located at a parking garage and being adapted to control the movement of said gate, (col. 42, lines 51-66, control module of the parking lot);

providing a remote terminal at a remote location apart from said parking garage, said remote terminal being communicably coupled to said gate controller system via an open network, (Col. 4, lines 14-20, remote system entities includes passenger card, w/ col. 4, lines 31-47, shows card station [where passenger uses passenger card] can be a terminal accessed/served via on-line communications);

sending a command from said remote terminal to said gate controller system via said open network, (col. 42, lines 56-61, user paying via card-based monetary value causes control module to lead receipt); and moving said gate with said gate controller system in response to said command from said remote terminal, (Col. 42, line 66, opens exit ramp).

As per claim 60, Sehr discloses:

providing a touch screen monitor that is communicably coupled to said gate controller system, (col. 6, lines 40-41, touch screen);

providing a graphical user interface on said monitor, (col. 28, line 43-col. 29, line 1, graphical user interface);

inputting information into said gate controller system via said monitor; and transmitting said inputted information from said gate controller system to said remote terminal via said open network, (Col. 29, lines 1-4, information accessed via account number).

As per claim 61, Sehr discloses:

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providing a communication system at said gate; and communicating with a patron at said gate from said remote terminal using said communication system via said open network, (Col. 42, lines 51-56, control module causes display).

As per claims 65, 66, Sehr discloses:

storing data relating to said moving of said gate on a storage medium at said gate controller system/transmitting data relating to said moving of said gate to said remote terminal via said open network; and storing at least part of said transmitted data on a storage medium at said remote terminal, (Col. 42, lines 60-63, date/time of arrival stored).

As per claim 67, Sehr discloses:

receiving input at said gate controller system relating to authorization of a patron to pass through said gate; transmitting said received input from said gate controller system to said remote terminal; processing said received input at said remote terminal to determine whether said patron is authorized to pass through said gate; if said patron is authorized to pass through said gate, then performing said sending command step from said remote terminal so that said moving gate step will occur; and allowing said patron to pass through said gate, (Col. 23, lines 25-45, cardholder's identity verified).

As per claim 84, Sehr discloses:

wherein said receiving input step involves scanning a validated ticket at said gate, (Col. 42, lines 53-54, parking stamp previously stored on card, w/ abstract, lines 11-16, biometric information of embedded ticket holders on card can be validated).

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As per claim 85, Sehr discloses:

wherein said receiving input step involves scanning a time stamped ticket at said gate, (Col. 42, lines 59-62, date/time stored).

As per claims 86, 88, Sehr discloses:

providing a first computer system at said parking garage, said first computer system being communicably coupled to the Internet via a secure connection, (Col. 4, lines 14-20, remote system entities includes passenger card, w/ col. 4, lines 31-47, shows card station [where passenger uses passenger card] can be a terminal accessed/served via on-line communications);

providing a mechanism at said gate, said mechanism being adapted to move said gate in response to control signals from said first computer system, , (col. 42, lines 51-66, control module of the parking lot);

providing a second computer system located at a remote location relative to said first computer system and said parking garage, wherein said second computer system is adapted to be communicably coupled to the Internet as needed/ controlling said mechanism from said remote location using said second computer system, (Fig. 2, [111,112], col. 42, lines 51-66, control module of parking lot);

communicating with said patron at said gate from said remote location using said computer systems and via the Internet, (Col. 42, lines 51-56, control module causes display, w/ Col. 1, lines 41-44, Internet);

authorizing passage of said patron through said gate from said remote location; sending a gate movement command from said second computer

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system to said first computer system via the Internet; and moving said gate to allow said patron to pass through said gate based on said gate movement command, (col. 33, line 51-col. 34, line 1, authorizing, w/Col. 42, lines 46-67, user uses card [via wireless method] to pay and gate automatically opens by way of control module).

As per claim 95, Sehr discloses:

providing a first computer system at said parking facility, said first computer system being communicably coupled to said Internet via a secure connection, (Col. 4, lines 14-20, remote system entities includes passenger card, w/ col. 4, lines 31-47, shows card station [where passenger uses passenger card] can be a terminal accessed/served via on-line communications);

providing a mechanism at said gate, said mechanism being adapted to move said gate in response to control signals from said first computer system; providing an interface system at a payment transaction device being adapted to transmit and receive audio and video information for communicating with a parking patron, (col. 42, lines 51-66, control module of the parking lot);

providing a presence detection device to sense the presence of said patron at said payment transaction device, (col. 42, lines 48-51, by imputing license plate number, the passenger is detected by system);

providing a second computer system located at a remote location relative to said first computer system and said parking facility, wherein said second computer system is adapted to be communicably coupled to said Internet as needed, (Fig. 2, [111,112], w/ Col. 1, lines 41-44, Internet);

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communicating with said patron at said gate from said remote location using said computer systems and via said Internet, , (Col. 42, lines 51-56, control module causes display, w/ Col. 1, lines 41-44, Internet);

providing assistance in processing payments via an onsite cash acceptor or an onsite credit card processor or an offsite credit card processor, (col. 6, lines 20-51, card data for payment can be implemented via audio or video);

authorizing passage of said patron through said gate from said remote location; sending a gate movement command from said second computer system to said first computer system via said Internet; and moving said gate to allow said patron to pass through said gate based on said gate movement command, (col. 33, line 51-col. 34, line 1, authorizing, w/Col. 42, lines 46-67, user uses card [via wireless method] to pay and gate automatically opens by way of control module).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 2, 17, 23, 32, 36 and 81 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sehr (US 6,910,628).

As per claims 2, 23, 36, Sehr does not specifically disclose the following, however these limitations are obvious with Sehr since Sehr discloses a control

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module in col. 42, lines 51-66, and modules are processed in computers which contain processors, disk drives and memories to help process the module.

a computer system having a processor, disk drive, and memory; and a modem adapted to communicably couple said computer system to said open network,

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have a computer system having a processor, disk drive, and memory; and a modem adapted to communicably couple said computer system to said open network with the motivation of having common means in a computer to help carry out the function of the computer.

As per claim 17, 81, Sehr does not specifically disclose the following: further comprising a finger print scanner communicably coupled to said gate controller system/wherein said receiving input step involves scanning at least one fingerprint of said patron at said gate.

But does disclose the passenger's physical attributes being scanned-in via a biometrics box in col. 43, lines 33-34.

However, official notice is taken that it is old and well known in the parking system art to comprise a finger print scanner. It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to incorporate a finger print scanner communicable coupled to the gate controller system with the motivation of allowing a driver to open up the gate by way of finger prints.

As per claim 32, Sehr does not specifically disclose the following, however these limitations are obvious with Sehr since Sehr discloses a control module in

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col. 42, lines 51-66, and modules are specifically programmed to perform computer functions:

wherein said interaction with said gate controller system includes the ability to program settings for said gate controller system.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention for the interaction with said gate controller system includes the ability to program settings for said gate controller system with the motivation of programming the gate so it can be controlled according to certain settings.

7. Claims 9-11, 19, 22, 25, 41, 51, 53, 80, 87, 92, 93, 98-100 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sehr (US 6,910,628), and further in view of Treyz et al (US 6,711,474).

As per claims 9, 10, 19, 25, 41, 53, 92, 93, 98, 99, 100, Sehr does not disclose the following, however, does disclose a travel system that uses multi-application passenger cards in the abstract, lines 1-6, and that uses a control module in a parking lot environment in col. 42, lines 51-66..

However, Treyz et al discloses:

further comprising a microphone communicably coupled to said gate controller system/further comprising a speaker communicably coupled to said gate controller system/ further comprising a microphone communicably coupled to said gate controller system, and wherein said gate controller system further comprises a database comprising voice data, and said gate controller system further comprises a voice recognition program adapted to compare a voice

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received from said microphone to said voice data to authenticate a person's identity/ further comprising a microphone and speaker at said gate and communicably coupled to said gate controller system, and wherein said interaction with said gate controller system includes the ability to talk to a patron at said gate from said remote location via said web site/a first microphone and a first speaker at said gate; a second microphone and a second speaker at said second computer system, such that said user can communicate with a patron of said parking garage via the Internet/voice recognition/voice response/recording, (Col. 88, lines 27-35, interactive audio) . Treyz et al discloses these limitations in an analogous art for the purpose of showing that interactive content may be coordinated with passive audio content.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to comprise a microphone and a speaker with the motivation of incorporating an audio system in a parking lot environment.

As per claims 11, 80, Sehr does not disclose the following, however, does disclose a travel system that uses multi-application passenger cards in the abstract, lines 1-6, and that uses a control module in a parking lot environment in col. 42, lines 51-66.

However, Treyz et al discloses:

further comprising a vehicle license plate scanning system communicably coupled to said gate controller system/80. A method in accordance with claim 67, wherein said receiving input step involves scanning a toll tag device on a vehicle of said patron at said gate, (Col. 78, lines 8-32, digital camera to capture images

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of license plates). Treyz et al discloses this limitation in an analogous art for the purpose of showing that images of license plates can be captured from the video camera by the automobile personal computer.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to comprise a license plate scanning system with the motivation of keeping a record of cars with license plates that utilize the parking lot.

As per claim 22, Sehr does not disclose the following, however, does disclose a travel system that uses multi-application passenger cards in the abstract, lines 1-6, and that uses a control module in a parking lot environment in col. 42, lines 51-66.

However, Treyz et al discloses:

further comprising a radio receiver communicably coupled to said gate controller system and adapted to receive signals from a radio transmitter, (Col. 12, lines 58-67, digital radio transmissions). Treyz et al discloses this limitation in an analogous art for the purpose of showing that radio transmissions can be used to transmit and receive data from the automobile.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to comprise a radio receiver communicably coupled to said gate controller with the motivation of allowing radio transmissions to occur in a parking lot environment.

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As per claim 51, 87, Sehr does not disclose the following, however, does disclose a travel system that uses multi-application passenger cards in the abstract, lines 1-6, and that uses the internet in col. 1, lines 42-45.

However, Treyz et al discloses:

wherein said graphical user interface is a web site and said second computer system comprises a browser software application adapted to view said web site/wherein a web page display is provided to a browser on said second computer system via the Internet for a user at said remote location to interact with said first computer system, (Col. 25, lines 50-66, information provided on web page accessed from automobile personal computer). Treyz et al discloses this limitation in an analogous art for the purpose of showing the implementation of an automobile personal computer web browser.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to comprise a web site with the motivation of allowing the user to browse the Internet while using the automobile computer.

8. Claims 14, 57, 58, 68 and 77 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sehr (US 6,910,628), and further in view of Gruhl (US 5,034,739).

As per claim 14, 68, 77, Sehr does not disclose the following, however, does disclose a travel system that uses multi-application passenger cards in the abstract, lines 1-6, and that uses a control module in a parking lot environment in col. 42, lines 51-66.

However, Gruhl discloses:

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further comprising a cash intake machine communicably coupled to said gate controller system/wherein said receiving input step involves said patron providing cash payment at said gate/wherein said receiving input step involves said patron inputting cash in a cash receiving machine at said gate, (col. 2, lines 24-26, cash register device. Gruhl discloses this limitation in an analogous art for the purpose of showing that a driver can pay with cash upon picking up the vehicle.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to comprise a cash intake machine with the motivation of allowing a passenger to pay for parking with cash.

As per claims 57, 58, Sehr does not disclose the following, however, does disclose a travel system that uses multi-application passenger cards in the abstract, lines 1-6, and that uses a control module in a parking lot environment in col. 42, lines 51-66.

However, Gruhl discloses:

further comprising an additional gate, said additional gate being adapted to move in response to signals from said application service provider system/further comprising one or more additional gates adapted to being controlled by said gate controller system, wherein said software program allows said user to control any combination of said gates/an additional gate at least partially blocking an additional automobile passageway for said parking garage; and a corresponding additional gate controller system for said additional gate, said additional gate controller system being located at said

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parking garage and being adapted to control the movement of said additional gate, wherein said remote terminal is communicably coupled to said additional gate controller via the Internet, and wherein said software program is further adapted to allow said user at said remote location to be in command of said additional gate controller system, (Col. 2, lines 55-66, shows entrance 2 of parking garage). Gruhl discloses this limitation in an analogous art for the purpose of showing that the barrier at the entrance is given the order to open after the character reader analyzes the shot of the license number.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to comprise an additional gate with the motivation of allowing more than one driver to enter the lot at the same time.

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Akiba K Robinson-Boyce whose telephone number is 571-272-6734. The examiner can normally be reached on Monday-Tuesday 8:30am-5pm, and Wednesday, 8:30 am-12:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Hayes can be reached on 571-272-6708. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7238 [After final communications, labeled "Box AF"], 703-746-7239 [Official Communications], and 703-746-7150 [Informal/Draft Communications, labeled "PROPOSED" or "DRAFT"].

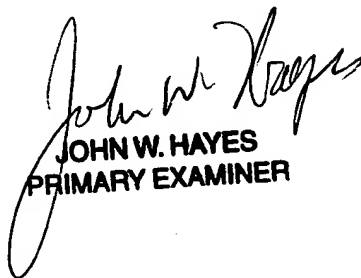
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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

ARB

A. R. B.

August 9, 2005


JOHN W. HAYES
PRIMARY EXAMINER